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Docket No.: UMY-052DV1  
(PATENT)

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of:  
Craig C. Mello *et al.*

Application No.: 10/645,746

Confirmation No.: 9625

Filed: August 20, 2003

Art Unit: 1653

For: RNA INTERFERENCE PATHWAY GENES AS  
TOOLS FOR TARGETED GENETIC  
INTERFERENCE

Examiner: M. Monshipouri

MS Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**AMENDMENT IN RESPONSE TO NON-FINAL OFFICE ACTION**

Dear Sir:

This communication is responsive to the Office Action dated August 21, 2006 (Paper No. 20060816) which issued in the above-identified application. A separate petition for the appropriate extension of time in which to respond is being filed concurrently herewith. Responsive to the Office Action, please amend the above-identified application as follows.

**Amendments to the Claims** are reflected in the listing of claims which begins on page 2 of this paper.

**Remarks/Arguments** begin on page 4 of this paper.